●   ●

Membership   Publications/Services   Standards   Conferences   Careers/Jobs

IEEE *Xplore*®
RELEASE 1.6

Welcome
United States Patent and Trademark Office

Help   FAQ   Terms   IEEE Peer Review

Quick Links   ▽

» **Search Results**

Welcome to IEEE *Xplore*®

- ○ **Home**
- ○ **What Can I Access?**
- ○ **Log-out**

Tables of Contents

- ○ **Journals & Magazines**
- ○ **Conference Proceedings**
- ○ **Standards**

Search

- ○ **By Author**
- ○ **Basic**
- ○ **Advanced**

Member Services

- ○ **Join IEEE**
- ○ **Establish IEEE Web Account**
- ○ **Access the IEEE Member Digital Library**

Your search matched **5** documents.

A maximum of **500** results are displayed, **15** to a page, sorted by **Publication year** in **Descending** order.

Results Key:
JNL = Journal or Magazine   **CNF** = Conference   **STD** = Standard

---

1 **An automated design system for switching power regulators**
Usami, Y.; Inagaki, Y.; Nakahara, M.; Harada, K.;
Telecommunications Energy Conference, 2003. INTELEC '03. The 25th International , Oct. 19-23, 2003
Pages:334 - 339

[Abstract]   [PDF Full-Text (408KB)]   **IEEE CNF**

---

2 **The development of security system and visual service support software for on-line diagnostics**
Inaba, M.; Aizono, T.; Sonobe, K.; Fukube, H.; Iizumi, T.; Arima, J.; Usami, Y.;
Semiconductor Manufacturing Symposium, 2001 IEEE International , 8-10 Oct. 2001
Pages:45 - 48

[Abstract]   [PDF Full-Text (396KB)]   **IEEE CNF**

---

3 **Lattice defects properties of synthetic quartz crystals grown from various rotated Y-cut seed plates**
Kurashige, M.; Usami, Y.; Oba, K.; Hattanda, M.;
Frequency Control Symposium and PDA Exhibition, 2001. Proceedings of the 2001 IEEE International , 6-8 June 2001
Pages:296 - 303

[Abstract]   [PDF Full-Text (544KB)]   **IEEE CNF**

---

4 **On a neural network with synaptic weight having double minimum potential**
Usami, Y.;
Neural Networks, 1991., IJCNN-91-Seattle International Joint Conference on ,Volume: ii , 8-14 July 1991
Pages:261 - 265 vol.2

[Abstract]   [PDF Full-Text (244KB)]   **IEEE CNF**

---

5 **Switching of photoluminescence by pulsed electric field in GaAs/Al0.7Ga0.3As single quantum well structure**
Yasuo Kan; Yamanishi, M.; Usami, Y.; Suemune, I.;
Quantum Electronics, IEEE Journal of ,Volume: 22 , Issue: 9 , Sep 1986
Pages:1837 - 1844

[Abstract]   [PDF Full-Text (2576KB)]   **IEEE JNL**

IEEE HOME I SEARCH IEEE I SHOP I WEB ACCOUNT I CONTACT IEEE

◈IEEE

Membership   Publications/Services   Standards   Conferences   Careers/Jobs

IEEE *Xplore*®
RELEASE 1.6

Welcome
United States Patent and Trademark Office

Help   FAQ   Terms   IEEE Peer Review

Quick Links

» Search Results

Welcome to IEEE *Xplore*

O- **Home**
O- **What Can I Access?**
O- **Log-out**

Tables of Contents

O- **Journals & Magazines**
O- **Conference Proceedings**
O- **Standards**

Search

O- **By Author**
O- **Basic**
O- **Advanced**

Member Services

O- **Join IEEE**
O- **Establish IEEE Web Account**
O- **Access the IEEE Member Digital Library**

Your search matched **0** of **995179** documents.
A maximum of **500** results are displayed, **50** to a page, sorted by **Publication year** in **Descending** order.

Refine This Search:
You may refine your search by editing the current search expression or entering a new one in the text box.

electric network <and> simulation <and> particle | Search |

☐ Check to search within this result set

Results Key:
JNL = Journal or Magazine   **CNF** = Conference   **STD** = Standard

Results:
No documents matched your query.

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ| Terms | Back to Top

◈IEEE

Membership   Publications/Services   Standards   Conferences   Careers/Jobs

IEEE Xplore®
RELEASE 1.6

Welcome
United States Patent and Trademark Office

Help   FAQ   Terms   IEEE Peer Review

Quick Links

» Search Results

Welcome to IEEE Xplore®

O- **Home**
O- **What Can I Access?**
O- **Log-out**

Tables of Contents

O- **Journals & Magazines**
O- **Conference Proceedings**
O- **Standards**

Search

O- **By Author**
O- **Basic**
O- **Advanced**

Member Services

O- **Join IEEE**
O- **Establish IEEE Web Account**
O- **Access the IEEE Member Digital Library**

Your search matched **5** of **995179** documents.
A maximum of **500** results are displayed, **50** to a page, sorted by **Publication year** in **Descending** order.

Refine This Search:
You may refine your search by editing the current search expression or entering a new one in the text box.

electric circuit <and> simulation <and> particle | Search |

☐ Check to search within this result set

Results Key:
JNL = Journal or Magazine   **CNF** = Conference   **STD** = Standard

---

1 **High voltage measurements on a prototype PFN for the LHC injection kickers**
Barnes, M.J.; Wait, G.D.; Carlier, E.; Ducimetiere, L.; Schroder, G.H.; Vossenberg, E.B.;
Particle Accelerator Conference, 1999. Proceedings of the 1999 , Volume: 3 , 27 March-2 April 1999
Pages:1509 - 1511 vol.3

[Abstract]   [PDF Full-Text (327 KB)]   **IEEE CNF**

---

2 **Kick sensitivity analysis for the LHC inflectors**
Barnes, M.J.; Jheeta, M.; Wait, G.D.; Ducimetiere, L.; Schroder, G.H.; Vossenberg, E.B.;
Power Modulator Symposium, 1998. Conference Record of the 1998 Twenty-Third International , 22-25 June 1998
Pages:96 - 99

[Abstract]   [PDF Full-Text (344 KB)]   **IEEE CNF**

---

3 **A self-consistent model for the discharge kinetics in a high-repetition-rate copper-vapor laser**
Carman, R.J.; Brown, D.J.W.; Piper, J.A.;
Quantum Electronics, IEEE Journal of , Volume: 30 , Issue: 8 , Aug. 1994
Pages:1876 - 1895

[Abstract]   [PDF Full-Text (1664 KB)]   **IEEE JNL**

---

4 **A new efficient transient noise analysis technique for simulation of CCD image sensors or particle detectors**
Bolcato, P.; Tawfik, M.S.; Poujois, R.; Jarron, P.;
Custom Integrated Circuits Conference, 1993., Proceedings of the IEEE 1993 , 9-12 May 1993
Pages:14.8.1 - 14.8.4

[Abstract]   [PDF Full-Text (340 KB)]   **IEEE CNF**

---

5 **Optimization of speed-up network component values for the 30 Ω resistively terminated prototype kicker magnet**
Barnes, M.J.; Wait, G.D.;
Particle Accelerator Conference, 1993., Proceedings of the 1993 , 17-20 May 1993
Pages:1330 - 1332 vol.2

[Abstract]   [PDF Full-Text (352 KB)]   **IEEE CNF**

● ●

◆IEEE

Membership   Publications/Services   Standards   Conferences   Careers/Jobs

IEEE *Xplore*®
RELEASE 1.6

Help   FAQ   Terms   IEEE Peer Review

Quick Links ▼

» Search Results

Welcome to IEEE *Xplore*®

O— **Home**
O— **What Can
   I Access?**
O— **Log-out**

Tables of Contents

O— **Journals
   & Magazines**
O— **Conference
   Proceedings**
O— **Standards**

Search

O— **By Author**
O— **Basic**
O— **Advanced**

Member Services

O— **Join IEEE**
O— **Establish IEEE
   Web Account**
O— **Access the
   IEEE Member
   Digital Library**

Your search matched **98** of **995179** documents.
A maximum of **500** results are displayed, **50** to a page, sorted by **Publication year** in **Descending** order.

Refine This Search:
You may refine your search by editing the current search expression or entering a new one in the text box.

| electric network <and> simulation | Search |

☐ Check to search within this result set

Results Key:
JNL = Journal or Magazine   **CNF** = Conference   **STD** = Standard

---

1 **Equivalent circuit model of resistive IC sensors derived with the box integration method**
Maier, C.; Emmenegger, M.; Taschini, S.; Baltes, H.; Korvink, J.G.;
Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions on , Volume: 18 , Issue: 7 , July 1999
Pages:1000 - 1013

[Abstract]   [PDF Full-Text (384 KB)]   **IEEE JNL**

---

2 **Performance evaluation of MHD generators: the lumped parameter model and its validation**
Geri, A.; Veca, G.M.; Salvini, A.;
Energy Conversion, IEEE Transactions on , Volume: 14 , Issue: 4 , Dec. 1999
Pages:1224 - 1229

[Abstract]   [PDF Full-Text (384 KB)]   **IEEE JNL**

---

3 **Enhancement of power system transient stability using superconducting fault current limiters**
Sjostrom, M.; Cherkaoui, R.; Dutoit, B.;
Applied Superconductivity, IEEE Transactions on , Volume: 9 , Issue: 2 , June 1999
Pages:1328 - 1330

[Abstract]   [PDF Full-Text (252 KB)]   **IEEE JNL**

---

4 **Reliability and production assessment of wind energy production connected to the electric network supply**
Ubeda, J.R.; Rodriguez Garcia, M.A.R.;
Generation, Transmission and Distribution, IEE Proceedings- , Volume: 146 , Issue: 2 , March 1999
Pages:169 - 175

[Abstract]   [PDF Full-Text (688 KB)]   **IEE JNL**

---

5 **On the fault-injection-caused increase of the DAE-index in analogue fault simulation**
Straube, B.; Reinschke, K.; Vermeiren, W.; Robenack, K.; Muller, B.; Clauss, C.;
Test Workshop 1999. Proceedings. European , 25-28 May 1999
Pages:118 - 122

[Abstract]   [PDF Full-Text (48 KB)]   **IEEE CNF**

---

6 **The power system trade off of the multimedia constellation satellite for the Skybridge Missions. Trade off study using the PowerCap software**
Capel, A.; Defoug, S.;

Industrial Electronics, 1999. ISIE '99. Proceedings of the IEEE International Symposium on , Volume: 1`, 12-16 July 1999
Pages:217 - 225 vol.1

[Abstract]   [PDF Full-Text (860 KB)]   IEEE CNF

---

7 **A network application package with a centralized topology engine**
Kussel, R.; Kaiser, U.; Apel, R.;
Electric Power Engineering, 1999. PowerTech Budapest 99. International Conference on , 29 Aug.-2 Sept. 1999
Pages:123

[Abstract]   [PDF Full-Text (96 KB)]   IEEE CNF

---

8 **A unified optimal controller design of TCSC to improve the power system dynamic stability**
He, Y.; Sicard, P.; Xu, J.; Yao, Z.; Rajagopalan, V.;
Power Engineering Society 1999 Winter Meeting, IEEE , Volume: 1 , 31 Jan.-4 Feb. 1999
Pages:743 - 748 vol.1

[Abstract]   [PDF Full-Text (504 KB)]   IEEE CNF

---

9 **Transmission network planning using evolutionary programming**
Ceciliano, J.L.; Nieva, R.;
Evolutionary Computation, 1999. CEC 99. Proceedings of the 1999 Congress on , Volume: 3 , 6-9 July 1999
Pages: 1803 Vol. 3

[Abstract]   [PDF Full-Text (484 KB)]   IEEE CNF

---

10 **Use of marginal loss coefficients for assessment of transactions in electrical transmission systems**
Rolf, M.; Haubrich, H.-J.;
Electric Power Engineering, 1999. PowerTech Budapest 99. International Conference on , 29 Aug.-2 Sept. 1999
Pages:18

[Abstract]   [PDF Full-Text (100 KB)]   IEEE CNF

---

11 **Analyzing susceptibility of electronic circuits to magnetic interference using cotree source insertion**
Muller, G.; Stehr, G.; Reiss, K.;
Electromagnetic Compatibility, 1999 International Symposium on , 17-21 May 1999
Pages:634 - 637

[Abstract]   [PDF Full-Text (228 KB)]   IEEE CNF

---

12 **New approach to photovoltaic arrays maximum power point tracking**
Brambilla, A.; Gambarara, M.; Garutti, A.; Ronchi, F.;
Power Electronics Specialists Conference, 1999. PESC 99. 30th Annual IEEE , Volume: 2 , 27 June-1 July 1999
Pages:632 - 637 vol.2

[Abstract]   [PDF Full-Text (388 KB)]   IEEE CNF

---

13 **Shielding design methods for Kuwait high voltage double circuits electrical networks**
Ismail, H.M.;
Electric Power Engineering, 1999. PowerTech Budapest 99. International Conference on , 29 Aug.-2 Sept. 1999
Pages:198

[Abstract]   [PDF Full-Text (84 KB)]   IEEE CNF

---

14 **Simulation of electromagnetic transients on single transmission lines via the finite element method**
Lucic, R.; Jovic, V.; Kurtovic, M.;
Electromagnetic Compatibility, 1999. EMC York 99. International Conference and Exhibition on (Conf.

Publ. No. 464) , 12-13 July 1999
Pages:41 - 46

[Abstract]   [PDF Full-Text (192 KB)]   IEE CNF
___

15 **Analysis of the electrical excitation of CNS neurons**
Rattay, F.;
Biomedical Engineering, IEEE Transactions on , Volume: 45 , Issue: 6 , June 1998
Pages:766 - 772

[Abstract]   [PDF Full-Text (196 KB)]   IEEE JNL
___

16 **Mathematical simulation of DC arc furnace operation in electric power systems**
Stade, D.; Schau, H.; Aprelkov, I.; Novitskiy, A.;
Harmonics And Quality of Power, 1998. Proceedings. 8th International Conference on , Volume: 2 , 14-16 Oct. 1998
Pages:1086 - 1091 vol.2

[Abstract]   [PDF Full-Text (476 KB)]   IEEE CNF
___

17 **Control of doubly fed wind generators connected to the grid by asymmetric transmission lines**
Rubira, S.D.; McCulloch, M.D.;
Industry Applications Conference, 1998. Thirty-Third IAS Annual Meeting. The 1998 IEEE , Volume: 3 , 12-15 Oct. 1998
Pages:2381 - 2386 vol.3

[Abstract]   [PDF Full-Text (444 KB)]   IEEE CNF
___

18 **A large integrated power system software package-NETOMAC**
Lei, X.; Lerch, E.; Povh, D.; Ruhle, O.;
Power System Technology, 1998. Proceedings. POWERCON '98. 1998 International Conference
on , Volume: 1 , 18-21 Aug. 1998
Pages:17 - 22 vol.1

[Abstract]   [PDF Full-Text (636 KB)]   IEEE CNF
___

19 **Complementarity problems in linear complementarity systems**
Heemels, W.P.M.H.; Schumacher, J.M.; Weiland, S.;
American Control Conference, 1998. Proceedings of the 1998 , Volume: 2 , 24-26 June 1998
Pages:706 - 710 vol.2

[Abstract]   [PDF Full-Text (420 KB)]   IEEE CNF
___

20 **Modeling of a pumped storage hydro plant for power system stability studies**
Hannett, L.N.; Lam, B.P.; Prabhakara, F.S.; Qiu Guofu; Ding Mincheng; Bian Beilei;
Power System Technology, 1998. Proceedings. POWERCON '98. 1998 International Conference
on , Volume: 2 , 18-21 Aug. 1998
Pages:1300 - 1304 vol.2

[Abstract]   [PDF Full-Text (460 KB)]   IEEE CNF
___

21 **A method for bipolar semiconductor device modeling implementable in circuit simulators**
Araujo, A.; Carvalho, A.; Martins de Carvalho, J.L.;
Electronics, Circuits and Systems, 1998 IEEE International Conference on , Volume: 1 , 7-10 Sept. 1998

Pages:499 - 503 vol.1

[Abstract]   [PDF Full-Text (284 KB)]   IEEE CNF
___

22 **Novel models and algorithms for generating unit location optimization**
Qing Xia; Yong-Hua Song; Chongqing Kang; Niande Xiang;
Power Systems, IEEE Transactions on , Volume: 12 , Issue: 4 , Nov. 1997
Pages:1584 - 1590

[Abstract]   [PDF Full-Text (704 KB)]   IEEE JNL

23 **3-D numerical simulation of plasma armature railguns**
Esposito, N.; Raugi, M.; Tellini, A.;
Magnetics, IEEE Transactions on , Volume: 33 , Issue: 1 , Jan. 1997
Pages:225 - 230

[Abstract]   [PDF Full-Text (600 KB)]   **IEEE JNL**

24 **A new planning model for assessing the effects of transmission capacity constraints on the reliability of generation supply for large nonequivalenced electric networks**
Preston, E.G.; Grady, W.M.; Baughman, M.L.;
Power Systems, IEEE Transactions on , Volume: 12 , Issue: 3 , Aug. 1997
Pages:1367 - 1373

[Abstract]   [PDF Full-Text (736 KB)]   **IEEE JNL**

25 **A single phase two-switch buck type AC-DC converter topology with inductor voltage control**
Srinivasan, R.; Palaniapan, M.; Oruganti, R.;
Power Electronics Specialists Conference, 1997. PESC '97 Record., 28th Annual IEEE , Volume: 1 , 22-27 June 1997
Pages:556 - 563 vol.1

[Abstract]   [PDF Full-Text (708 KB)]   **IEEE CNF**

26 **Performance evaluation of MHD generators: the lumped parameter model and its validation**
Geri, A.; Veca, G.M.; Salvini, A.;
Electric Machines and Drives Conference Record, 1997, IEEE International , 18-21 May 1997
Pages:MB2/8.1 - MB2/8.3

[Abstract]   [PDF Full-Text (276 KB)]   **IEEE CNF**

27 **Design improvements on graded insulation of power transformers using transient electric field analysis and visualization technique**
Yamashita, H.; Cingoski, V.; Nakamae, E.; Namera, A.; Kitamura, H.;
Electric Machines and Drives Conference Record, 1997, IEEE International , 18-21 May 1997
Pages:TC3/1.1 - TC3/1.3

[Abstract]   [PDF Full-Text (468 KB)]   **IEEE CNF**

28 **Searching protection relay response time extremes using genetic algorithm-software quality by optimization**
Alander, J.T.; Mantere, T.; Moghadampour, G.; Matila, J.;
Advances in Power System Control, Operation and Management, 1997. APSCOM-97. Fourth International Conference on (Conf. Publ. No. 450) , Volume: 1 , 11-14 Nov. 1997
Pages:95 - 99 vol.1

[Abstract]   [PDF Full-Text (440 KB)]   **IEE CNF**

29 **The application of advanced static VAr compensators to wind farms**
Saad-Saoud, Z.; Jenkins, N.;
Power Electronics for Renewable Energy (Digest No: 1997/170), IEE Colloquium on , 16 June 1997
Pages:6/1 - 6/5

[Abstract]   [PDF Full-Text (260 KB)]   **IEE CNF**

30 **Experience with SINAI an integrated incident analysis system**
Martinez, J.;
Electricity Distribution. Part 1. Contributions. 14th International Conference and Exhibition on (IEE Conf. Publ. No. 438) , Volume: 4 , 2-5 June 1997
Pages:15/1 - 15/4 vol.4

[Abstract]   [PDF Full-Text (544 KB)]   **IEE CNF**

31 A rational formulation of thermal circuit models for electrothermal simulation. I. Finite element method [power electronic systems]
Jia Tzer Hsu; Vu-Quoc, L.;
Circuits and Systems I: Fundamental Theory and Applications, IEEE Transactions on , Volume: 43 , Issue: 9 , Sept. 1996
Pages:721 - 732

[Abstract]   [PDF Full-Text (872 KB)]   **IEEE JNL**

---

32 Sensitivity of torsional stress predictions of diesel generator sets to critical parameter values
Konidaris, D.N.; Tegopoulos, J.A.;
Energy Conversion, IEEE Transactions on , Volume: 11 , Issue: 3 , Sept. 1996
Pages:515 - 522

[Abstract]   [PDF Full-Text (616 KB)]   **IEEE JNL**

---

33 Transient analysis of electric power systems: reformulation and theoretical basis
Kang, Y.; Lavers, J.D.;
Power Systems, IEEE Transactions on , Volume: 11 , Issue: 2 , May 1996
Pages:754 - 760

[Abstract]   [PDF Full-Text (848 KB)]   **IEEE JNL**

---

34 Splice: an analytical network analysis software
Engel, T.G.;
Education, IEEE Transactions on , Volume: 39 , Issue: 3 , Aug. 1996
Pages:394 - 398

[Abstract]   [PDF Full-Text (580 KB)]   **IEEE JNL**

---

35 Modelling of the streamer in dielectric liquids with an equivalent electrical network
Beroual, A.; Fofana, I.;
Conduction and Breakdown in Dielectric Liquids, 1996, ICDL '96., 12th International Conference on , 15-19 July 1996
Pages:214 - 217

[Abstract]   [PDF Full-Text (324 KB)]   **IEEE CNF**

---

36 3-D electrical network model of water tree
Czaszejko, T.;
Electrical Insulation and Dielectric Phenomena, 1996. IEEE 1996 Annual Report of the Conference on , Volume: 2 , 20-23 Oct. 1996
Pages:799 - 802 vol.2

[Abstract]   [PDF Full-Text (320 KB)]   **IEEE CNF**

---

37 Modelling of the transient diffusion of current and heat in railguns via an equivalent network
Cardelli, E.;
Magnetics, IEEE Transactions on , Volume: 31 , Issue: 1 , Jan 1995
Pages:570 - 575

[Abstract]   [PDF Full-Text (440 KB)]   **IEEE JNL**

---

38 3D line current model of coils and external circuits
Dreher, T.; Meunier, G.;
Magnetics, IEEE Transactions on , Volume: 31 , Issue: 3 , May 1995
Pages:1853 - 1856

[Abstract]   [PDF Full-Text (280 KB)]   **IEEE JNL**

---

39 Asymptotic thermal analysis of electronic packages and printed-circuit boards
Da-Guang Liu; Phanilatha, V.; Qi-Jun Zhang; Nakhla, M.S.;
Components, Packaging, and Manufacturing Technology, Part A, IEEE Transactions on [see also Components, Hybrids, and Manufacturing Technology, IEEE Transactions on] , Volume: 18 , Issue:

4 , Dec. 1995
Pages:781 - 787

[Abstract]   [PDF Full-Text (600 KB)]   IEEE JNL

---

40 **A new blocking principle with phase and earth fault detection during fast power swings for distance protection**
Mechraoui, A.; Thomas, D.W.P.;
Power Delivery, IEEE Transactions on , Volume: 10 , Issue: 3 , July 1995
Pages:1242 - 1248

[Abstract]   [PDF Full-Text (500 KB)]   IEEE JNL

---

41 **Direct current machines control in unbalanced AC networks**
Cogo, J.R.; Souza de Sa, J.;
Power Electronics Congress, 1995. Technical Proceedings. CIEP 95., IV IEEE International , 16-19 Oct. 1995
Pages:82 - 86

[Abstract]   [PDF Full-Text (536 KB)]   IEEE CNF

---

42 **Simulation of a unified power flow monitoring system in AC networks with Simulink**
Sedraoui, K.; Al-Haddad, K.; Chandra, A.; Olivier, G.;
Electrical and Computer Engineering, 1995. Canadian Conference on , Volume: 1 , 5-8 Sept. 1995
Pages:453 - 456 vol.1

[Abstract]   [PDF Full-Text (320 KB)]   IEEE CNF

---

43 **Splice: a new analytical network analysis software**
Engel, T.G.;
Frontiers in Education Conference, 1995. Proceedings., 1995 , Volume: 1 , 1-4 Nov. 1995
Pages:2c6.17 - 2c6.19 vol.1

[Abstract]   [PDF Full-Text (396 KB)]   IEEE CNF

---

44 **Asymptotic thermal analysis of electronic packages and printed-circuit board**
Da-Guang Liu; Phanilatha, V.; Qi-Jun Zhang; Nakhla, M.N.;
Semiconductor Thermal Measurement and Management Symposium, 1995. SEMI-THERM XI., Eleventh Annual IEEE , 7-9 Feb. 1995
Pages:131 - 135

[Abstract]   [PDF Full-Text (308 KB)]   IEEE CNF

---

45 **Analysis of a heuristic mapping method for parallel real-time simulation of electrical networks**
Wong, T.; Rosu, C.; Houle, J.-L.;
Electrical and Computer Engineering, 1995. Canadian Conference on , Volume: 2 , 5-8 Sept. 1995
Pages:925 - 928 vol.2

[Abstract]   [PDF Full-Text (340 KB)]   IEEE CNF

---

46 **Newton-Raphson probabilistic harmonic power flow through Monte Carlo simulation**
Rios M., S.; Castaneda P., R.;
Circuits and Systems, 1995., Proceedings., Proceedings of the 38th Midwest Symposium on , Volume: 2 , 13-16 Aug. 1995
Pages:1297 - 1300 vol.2

[Abstract]   [PDF Full-Text (292 KB)]   IEEE CNF

---

47 **Parallel solution of electrical networks by the method of exact equivalents**
Lavoie, M.; Do, V.-Q.; Houle, J.L.; Davidson, J.;
Electrical and Computer Engineering, 1995. Canadian Conference on , Volume: 2 , 5-8 Sept. 1995
Pages:1050 - 1053 vol.2

[Abstract]   [PDF Full-Text (388 KB)]   IEEE CNF

48 **Thermal component models for electrothermal network simulation**
Hefner, A.R.; Blackburn, D.L.;
Components, Packaging, and Manufacturing Technology, Part A, IEEE Transactions on [see also Components, Hybrids, and Manufacturing Technology, IEEE Transactions on] , Volume: 17 , Issue: 3 , Sept. 1994
Pages:413 - 424

[Abstract]   [PDF Full-Text (1108 KB)]   IEEE JNL

49 **Arc-furnace model for the study of flicker compensation in electrical networks**
Montanari, G.C.; Loggini, M.; Cavallini, A.; Pitti, L.; Zaninelli, D.;
Power Delivery, IEEE Transactions on , Volume: 9 , Issue: 4 , Oct. 1994
Pages:2026 - 2036

[Abstract]   [PDF Full-Text (1056 KB)]   IEEE JNL

50 **An expert system for power systems fault analysis**
Zhu Yongli; Yang, Y.H.; Hogg, B.W.; Zhang, W.Q.; Gao, S.;
Power Systems, IEEE Transactions on , Volume: 9 , Issue: 1 , Feb. 1994
Pages:503 - 509

[Abstract]   [PDF Full-Text (612 KB)]   IEEE JNL

◈IEEE

Membership   Publications/Services   Standards   Conferences   Careers/Jobs

IEEE Xplore®
RELEASE 1.6

Welcome
United States Patent and Trademark Office

Help   FAQ   Terms   IEEE Peer Review

Quick Links ▽

» Search Results

Welcome to IEEE Xplore®

- ○ **Home**
- ○ **What Can I Access?**
- ○ **Log-out**

Tables of Contents

- ○ **Journals & Magazines**
- ○ **Conference Proceedings**
- ○ **Standards**

Search

- ○ **By Author**
- ○ **Basic**
- ○ **Advanced**

Member Services

- ○ **Join IEEE**
- ○ **Establish IEEE Web Account**
- ○ **Access the IEEE Member Digital Library**

Your search matched **98** of **995179** documents.
A maximum of **500** results are displayed, **50** to a page, sorted by **Publication year** in **Descending** order.

Refine This Search:
You may refine your search by editing the current search expression or entering a new one in the text box.

electric network <and> simulation   **Search**

☐ Check to search within this result set

Results Key:
JNL = Journal or Magazine   **CNF** = Conference   **STD** = Standard

---

51 **Improved control systems simulation in the EMTP through compensation**
Lefebvre, S.; Mahseredjian, J.;
Power Delivery, IEEE Transactions on , Volume: 9 , Issue: 3 , July 1994
Pages:1654 - 1662

[Abstract]   [PDF Full-Text (768 KB)]   IEEE JNL

---

52 **An integrated dispatcher training simulator for use in a regional electricity distribution centre**
Demjen, C.; Kadar, P.; Meszaros, P.; Szendy, D.;
Computing & Control Engineering Journal , Volume: 5 , Issue: 2 , April 1994
Pages:66 - 70

[Abstract]   [PDF Full-Text (332 KB)]   IEE JNL

---

53 **A new approach to design A-stable linear multistep integration algorithms**
Felderhoff, T.;
Circuits and Systems, 1994. ISCAS '94., 1994 IEEE International Symposium on , Volume: 5 , 30 May-2 June 1994
Pages:133 - 136 vol.5

[Abstract]   [PDF Full-Text (268 KB)]   IEEE CNF

---

54 **Integrated circuit for Hamming neural net**
Gomez-Castaneda, F.; Moreno-Cadenas, J.;
Circuits and Systems, 1994., Proceedings of the 37th Midwest Symposium on , Volume: 1 , 3-5 Aug. 1994
Pages:515 - 518 vol.1

[Abstract]   [PDF Full-Text (240 KB)]   IEEE CNF

---

55 **An enhanced dispatcher training simulator**
Demjen, C.; Kadar, P.; Meszaros, P.; Szendy, D.;
Electrotechnical Conference, 1994. Proceedings., 7th Mediterranean , 12-14 April 1994
Pages:992 - 995 vol.3

[Abstract]   [PDF Full-Text (340 KB)]   IEEE CNF

---

56 **A novel, reduced rating active filter for 3-phase, 4-wire loads**
Kamath, G.; Mohan, N.;
Industry Applications Society Annual Meeting, 1994., Conference Record of the 1994 IEEE , 2-6 Oct.

1994
Pages:936 - 940 vol.2

[Abstract]   [PDF Full-Text (300 KB)]   **IEEE CNF**

---

57 A VDMOS transistor model taking into account the thermoelectrical interactions
Lallement, C.; Bouchakour, R.; Maurel, T.;
Circuits and Systems, 1994. ISCAS '94., 1994 IEEE International Symposium on , Volume: 1 , 30 May-2
June 1994
Pages:327 - 330 vol.1

[Abstract]   [PDF Full-Text (272 KB)]   **IEEE CNF**

---

58 Performance improvement of soft-switched PWM rectifiers with inductive load
Pomilio, J.A.; Rossetto, L.; Tenti, P.; Tomasin, P.;
Power Electronics Specialists Conference, PESC '94 Record., 25th Annual IEEE , 20-25 June 1994
Pages:1425 - 1430 vol.2

[Abstract]   [PDF Full-Text (384 KB)]   **IEEE CNF**

**59 A computationally efficient unified approach to the numerical analysis of the sensitivity
and noise of semiconductor devices**
Ghione, G.; Filicori, F.;
Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions on , Volume: 12 , Issue:
3 , March 1993
Pages:425 - 438

[Abstract]   [PDF Full-Text (1252 KB)]   **IEEE JNL**

---

60 Network analysis of ground currents in a residential distribution system
Mader, D.L.; Zafanella, L.E.;
Power Delivery, IEEE Transactions on , Volume: 8 , Issue: 1 , Jan. 1993
Pages:344 - 350

[Abstract]   [PDF Full-Text (720 KB)]   **IEEE JNL**

---

61 Simulating the dynamic electrothermal behavior of power electronic circuits and systems
Hefner, A.R.; Blackburn, D.L.;
Power Electronics, IEEE Transactions on , Volume: 8 , Issue: 4 , Oct. 1993
Pages:376 - 385

[Abstract]   [PDF Full-Text (852 KB)]   **IEEE JNL**

---

62 Method for reliability analysis of industrial distribution systems
Bollen, M.H.J.;
Generation, Transmission and Distribution [see also IEE Proceedings-Generation, Transmission and
Distribution], IEE Proceedings C , Volume: 140 , Issue: 6 , Nov. 1993
Pages:497 - 502

[Abstract]   [PDF Full-Text (452 KB)]   **IEE JNL**

---

63 Thermal component models for electro-thermal network simulations
Hefner, A.R.; Blackburn, D.L.;
Semiconductor Thermal Measurement and Management Symposium, 1993. SEMI-THERM IX., Ninth
Annual IEEE , 2-4 Feb. 1993
Pages:88 - 98

[Abstract]   [PDF Full-Text (1048 KB)]   **IEEE CNF**

---

64 Reliability analysis of industrial power systems taking into account voltage sags
Bollen, M.H.J.;
Industry Applications Society Annual Meeting, 1993., Conference Record of the 1993 IEEE , 2-8 Oct.
1993
Pages:1461 - 1468 vol.2

[Abstract]   [PDF Full-Text (456 KB)]   **IEEE CNF**

65 The inductive connection effects of a mounted SPDT in a plastic SO8 package
Ndagijimana, F.; Engdahl, J.; Ahmadouche, A.; Chilo, J.;
Microwave and Millimeter-Wave Monolithic Circuits Symposium, 1993. Digest of Papers., IEEE
1993 , 14-15 June 1993
Pages:109 - 112

[Abstract]   [PDF Full-Text (244 KB)]   IEEE CNF

66 Evaluation of harmonic levels in electrical networks by statistical indexes
Cavallini, A.; Cacciari, M.; Loggini, M.; Montanari, G.C.;
Industry Applications Society Annual Meeting, 1993., Conference Record of the 1993 IEEE , 2-8 Oct.
1993
Pages:1586 - 1593 vol.2

[Abstract]   [PDF Full-Text (804 KB)]   IEEE CNF

67 Conversion of circuit schematics from a graphic display to a netlist and its applications
Baez-Lopez, D.; Ballesteros, J.L.; Pedraza-Chavez, J.;
Circuits and Systems, 1993., Proceedings of the 36th Midwest Symposium on , 16-18 Aug. 1993
Pages:1159 - 1161 vol.2

[Abstract]   [PDF Full-Text (168 KB)]   IEEE CNF

68 The inductive connection effects of a mounted SPDT in a plastic SO8 package
Ndagijimana, F.; Engdahl, J.; Ahmadouche, A.; Chilo, J.;
Microwave Symposium Digest, 1993., IEEE MTT-S International , 14-18 June 1993
Pages:91 - 94 vol.1

[Abstract]   [PDF Full-Text (248 KB)]   IEEE CNF

69 Recruitment of dorsal column fibers in spinal cord stimulation: influence of collateral branching
Struijk, J.J.; Holsheimer, J.; van der Heide, G.G.; Boom, H.B.K.;
Biomedical Engineering, IEEE Transactions on , Volume: 39 , Issue: 9 , Sept. 1992
Pages:903 - 912

[Abstract]   [PDF Full-Text (840 KB)]   IEEE JNL

70 A general method for electric and magnetic coupled problem in 2D and magnetodynamic domain
Lombard, P.; Meunier, G.;
Magnetics, IEEE Transactions on , Volume: 28 , Issue: 2 , Mar 1992
Pages:1291 - 1294

[Abstract]   [PDF Full-Text (268 KB)]   IEEE JNL

71 An electrical network approach to the analysis of semiconductor devices
Wilamowski, B.M.; Staszak, Z.J.; Mattson, R.H.;
Education, IEEE Transactions on , Volume: 35 , Issue: 2 , May 1992
Pages:144 - 152

[Abstract]   [PDF Full-Text (644 KB)]   IEEE JNL

72 Simulation of multipolar fiber selective neural stimulation using intrafascicular electrodes
Meier, J.H.; Rotten, W.L.C.; Zoutman, A.E.; Boom, H.B.K.; Bergveld, P.;
Biomedical Engineering, IEEE Transactions on , Volume: 39 , Issue: 2 , Feb. 1992
Pages:122 - 134

[Abstract]   [PDF Full-Text (1024 KB)]   IEEE JNL

73 Calculation of the induced effects due to a lightning stroke
Cristina, S.; Orlandi, A.;
Electric Power Applications, IEE Proceedings B [see also IEE Proceedings-Electric Power
Applications] , Volume: 139 , Issue: 4 , July 1992

Pages:374 - 380

[Abstract]   [PDF Full-Text (388 KB)]   IEE JNL

---

74 Investigations on turn-off effects in fast-recovery power diodes by modelling and simulation
Winternheimer, S.; Laska, B.;
Electric Power Applications, IEE Proceedings B [see also IEE Proceedings-Electric Power Applications] , Volume: 139 , Issue: 2 , March 1992
Pages:55 - 61

[Abstract]   [PDF Full-Text (380 KB)]   IEE JNL

---

75 Simulating the dynamic electro-thermal behavior of power electronic circuits and systems
Hefner, A.R.; Blackburn, D.L.;
Computers in Power Electronics, 1992., IEEE Workshop on , 9-11 Aug. 1992
Pages:143 - 151

[Abstract]   [PDF Full-Text (672 KB)]   IEEE CNF

---

76 A modular approach to the design of neural networks for fault diagnosis in power systems
Rodriguez, C.; Rementeria, S.; Ruiz, C.; Lafuente, A.; Martin, J.I.; Muguerza, J.;
Neural Networks, 1992. IJCNN., International Joint Conference on , Volume: 3 , 7-11 June 1992
Pages:16 - 23 vol.3

[Abstract]   [PDF Full-Text (532 KB)]   IEEE CNF

---

77 Modeling of electromagnetic systems
Blanken, P.G.; Van Vlerken, J.J.L.M.;
Magnetics, IEEE Transactions on , Volume: 27 , Issue: 6 , Nov 1991
Pages:4509 - 4515

[Abstract]   [PDF Full-Text (536 KB)]   IEEE JNL

---

78 A macromodeling algorithm for analog circuits
Casinovi, G.; Sangiovanni-Vincentelli, A.;
Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions on , Volume: 10 , Issue: 2 , Feb. 1991
Pages:150 - 160

[Abstract]   [PDF Full-Text (864 KB)]   IEEE JNL

---

79 Fast steady-state technique for harmonic analysis
Usaola, J.; Mayordomo, J.G.;
Power Delivery, IEEE Transactions on , Volume: 6 , Issue: 4 , Oct. 1991
Pages:1789 - 1790

[Abstract]   [PDF Full-Text (100 KB)]   IEEE JNL

---

80 QENS-an enhanced version of the electric network simulator program
Cornel, H.C.J.; John, V.I.;
Vehicular Technology, IEEE Transactions on , Volume: 40 , Issue: 1 , Feb. 1991
Pages:273 - 279

[Abstract]   [PDF Full-Text (492 KB)]   IEEE JNL

---

81 The application of electrical network theory to the analysis and simulation of dynamic physiological systems
Mikulecky, D.C.;
Southeastcon '91., IEEE Proceedings of , 7-10 April 1991
Pages:145 - 148 vol.1

[Abstract]   [PDF Full-Text (344 KB)]   IEEE CNF

---

82 Self-assembling electrical networks: an application of micromachining technology

Cohn, M.B.; Kim, C.J.; Pisano, A.P.;
Solid-State Sensors and Actuators, 1991. Digest of Technical Papers, TRANSDUCERS '91., 1991
International Conference on , 24-27 June 1991
Pages:490 - 493

[Abstract]   [PDF Full-Text (380 KB)]   **IEEE CNF**

---

83 **The calculated and measured temperature distribution of a phased interstitial antenna array [invasive applicators]**
Zhang, Y.; Joines, W.T.; Oleson, J.R.;
Microwave Theory and Techniques, IEEE Transactions on , Volume: 38 , Issue: 1 , Jan. 1990
Pages:69 - 77

[Abstract]   [PDF Full-Text (568 KB)]   **IEEE JNL**

---

84 **Bone fracture healing assessment using a neural network**
Kaufman, J.J.; Chiabrera, A.; Hakim, N.; Hatem, M.; Figueiredo, M.; Nasser, P.; Lattuga, S.; Trent, P.; Pilla, A.A.; Siffert, R.S.;
Neural Networks, 1990., 1990 IJCNN International Joint Conference on , 17-21 June 1990
Pages:53 - 58 vol.2

[Abstract]   [PDF Full-Text (324 KB)]   **IEEE CNF**

---

85 **A simplified algorithm for digital distance protection based on Fourier techniques**
D'Amore, D.; Ferrero, A.;
Power Delivery, IEEE Transactions on , Volume: 4 , Issue: 1 , Jan. 1989
Pages:157 - 164

[Abstract]   [PDF Full-Text (568 KB)]   **IEEE JNL**

---

86 **Parallel computer graphics simulation of the Lebanese Electric Power System**
Diab, H.; Yehia, M.; Abou-Hassan, I.;
Computer Applications in Power, IEEE , Volume: 2 , Issue: 1 , Jan. 1989
Pages:38 - 42

[Abstract]   [PDF Full-Text (476 KB)]   **IEEE JNL**

---

87 **Flowgraph techniques in workcell assessment and design**
Monkman, G.J.; Taylor, G.E.; Taylor, P.M.;
Intelligent Control, 1989. Proceedings., IEEE International Symposium on , 25-26 Sept. 1989
Pages:28 - 32

[Abstract]   [PDF Full-Text (220 KB)]   **IEEE CNF**

---

88 **Modeling of electromechanical and electromagnetic disturbances in DC motors**
Suriano, J.; Ong, C.M.;
Electromagnetic Compatibility, 1989. IEEE 1989 National Symposium on , 23-25 May 1989
Pages:258 - 262

[Abstract]   [PDF Full-Text (324 KB)]   **IEEE CNF**

---

89 **Simulation of thermal effects in electrical systems**
Vogelsong, R.S.; Brzezinski, C.;
Applied Power Electronics Conference and Exposition, 1989. APEC' 89. Conference Proceedings 1989., Fourth Annual IEEE , 13-17 March 1989
Pages:353 - 356

[Abstract]   [PDF Full-Text (228 KB)]   **IEEE CNF**

---

90 **Automatic generation of models for circuit simulation**
Casinovi, G.;
Circuits and Systems, 1989., Proceedings of the 32nd Midwest Symposium on , 14-16 Aug. 1989
Pages:993 - 996 vol.2

[Abstract]   [PDF Full-Text (260 KB)]   **IEEE CNF**

91 **Design of nonlinear resistor for filter performance improvement**
Tironi, E.; Zaninelli, D.; Loggini, M.; Montanari, G.C.;
Industry Applications Society Annual Meeting, 1989., Conference Record of the 1989 IEEE , 1-5 Oct.
1989
Pages:1819 - 1829 vol.2

[Abstract]   [PDF Full-Text (812 KB)]   IEEE CNF

92 **Multi-break arc interaction in the energy balance region**
Smith, T.M.; Colclaser, R.G.;
Power Delivery, IEEE Transactions on , Volume: 3 , Issue: 4 , Oct. 1988
Pages:1678 - 1684

[Abstract]   [PDF Full-Text (492 KB)]   IEEE JNL

93 **General purpose symbolic simulation tools for electric networks**
Alvarado, F.L.; Liu, Y.;
Power Systems, IEEE Transactions on , Volume: 3 , Issue: 2 , May 1988
Pages:689 - 697

[Abstract]   [PDF Full-Text (696 KB)]   IEEE JNL

94 **QENS-an enhanced version of the electric network simulator program**
Cornel, H.C.J.; John, V.I.;
Industry Applications Society Annual Meeting, 1988., Conference Record of the 1988 IEEE , 2-7 Oct.
1988
Pages:1052 - 1057 vol.1

[Abstract]   [PDF Full-Text (416 KB)]   IEEE CNF

95 **Negative feedback influence on simultaneous switching CMOS outputs**
Senthinathan, R.; Tubbs, G.; Schuelein, M.;
Custom Integrated Circuits Conference, 1988., Proceedings of the IEEE 1988 , 16-19 May 1988
Pages:5.4/1 - 5.4/5

[Abstract]   [PDF Full-Text (256 KB)]   IEEE CNF

96 **Investigation of subsynchronous resonance risk in the 380 kV Turkish electric network**
Ozay, N.; Guven, A.N.;
Circuits and Systems, 1988., IEEE International Symposium on , 7-9 June 1988
Pages:1623 - 1626 vol.2

[Abstract]   [PDF Full-Text (244 KB)]   IEEE CNF

97 **Effect of a transport current on the losses of a superconducting composite under fast
changing magnetic field**
Ciazynski, D.;
Magnetics, IEEE Transactions on , Volume: 21 , Issue: 2 , Mar 1985
Pages:169 - 172

[Abstract]   [PDF Full-Text (328 KB)]   IEEE JNL

98 **Effective Ordering of Sparse Matrices Arising from Nonlinear Electrical Networks**
Norin, R.; Pottle, C.;
Circuits and Systems, IEEE Transactions on [legacy, pre - 1988] , Volume: 18 , Issue: 1 , Jan 1971
Pages:139 - 145

[Abstract]   [PDF Full-Text (840 KB)]   IEEE JNL

Prev 1 2

PØRTAL

THE ACM DIGITAL LIBRARY

Try the *new* Portal design
Give us your opinion after using it.

Search Results

Search Results for: **[(electric circuit AND particle) AND (simulation)<AND>(meta_published_date <= 02-01-1999)]**
Found **10** of **125,779 searched.**

Search within Results

[GO]   > Advanced Search   > Search Help/Tips

Sort by: Title   Publication   Publication Date   Score   🔖 Binder

Results 1 - 10 of 10   short listing

---

1   A mixed nodal-mesh formulation for efficient extraction and passive reduced-order modeling of 3D interconnects   80%
Nuno Marques , Mattan Kamon , Jacob White , L. Miguel Silveira
Proceedings of the 35th annual conference on Design automation conference May 1998
   As VLSI circuit speeds have increased, reliable chip and system design can no longer be performed without accurate three-dimensional
   interconnect models. In this paper, we describe an integral equation aproach to modeling the impedance of inter-connect structures
   accounting for both the charge accumulation on the surface of conductors and the current traveling in their interior: Our formulation,
   based on a combination of nodal and mesh analysis, has the required properties to be combined wi ...

2   Drawing graphs to convey proximity: an incremental arrangement method   80%
Jonathan D. Cohen
ACM Transactions on Computer-Human Interaction (TOCHI) September 1997
Volume 4 Issue 3
   Graph drawings are increasingly finding their way into user interfaces to convey a variety of relationships. This article deals with rendering
   graphs to show proximity between vertices by making their configuration (screen) distances reflect their distances in the graph. An
   arrangement method is described that achieves good drawings at speeds suitable for user interaction on a desktop computer. The method
   is "incremental" in that it first arranges a small portion of the graph, t ...

3   Experimental mathematics: the role of computation in nonlinear science   77%
David Campbell , Doyne Farmer , Jim Crutchfield , Erica Jen
Communications of the ACM April 1985
Volume 28 Issue 4
   Computers have expanded the range of nonlinear phenomena that can be explored mathematically. An "experimental mathematics
   facility," containing both special-purpose dedicated machines and general-purpose mainframes, may someday provide the ideal context for
   complex nonlinear problems.

4   Applications of symbol manipulation in theoretical physics   77%
Anthony C. Hearn
Proceedings of the second ACM symposium on Symbolic and algebraic manipulation March 1971
   This paper surveys the applications of symbolic computation techniques to problems in theoretical physics. Particular emphasis is placed
   on applications in quantum electrodynamics where the most activity has occurred.

5   An efficient algorithm for fast parasitic extraction and passive order reduction of 3D interconnect models   77%
N. Marques , M. Kamon , J. White , L. M. Silveira
Proceedings of the conference on Design, automation and test in Europe February 1998
   As VLSI circuit speeds have increased, the need for accurate three-dimensional interconnect models has become essential to accurate chip
   and system design. In this paper, we describe an integral equation approach to modeling the impedance of interconnect structures
   accounting for both the charge accumulation on the surface of conductors and the current traveling along conductors. Unlike previous
   methods, our approach is based on a modified nodal analysis formulation and can be used directly to g ...

6   Applications of symbol manipulation in theoretical physics   77%
Anthony C. Hearn
Communications of the ACM August 1971
Volume 14 Issue 8

This paper surveys the applications of symbolic computation techniques to problems in theoretical physics. Particular emphasis is placed on applications in quantum electrodynamics where the most activity has occurred.

7 George Forsythe and the development of computer science   77%
Donald E. Knuth
Communications of the ACM August 1972
Volume 15 Issue 8

8 The cosmic cube   77%
Charles L. Seitz
Communications of the ACM January 1985
Volume 28 Issue 1
    Sixty-four small computers are connected by a network of point-to-point communication channels in the plan of a binary 6-cube. This "Cosmic Cube" computer is a hardware simulation of a future VLSI implementation that will consist of single-chip nodes. The machine offers high degrees of concurrency in applications and suggests that future machines with thousands of nodes are both feasible and attractive.

9 The use of cellular automata in the classroom   77%
H. Albert Lilly
Proceedings of the 1995 ACM/IEEE conference on Supercomputing (CDROM) December 1995

10 A conversation with Fred Brooks   77%
Karen Frenkel
interactions October 1994
Volume 1 Issue 4

Results 1 - 10 of 10   short listing

P☉RTAL
THE ACM DIGITAL LIBRARY

Try the *new* Portal design
Give us your opinion after using it.

Search Results

Search Results for: **[(electric network AND current AND voltage) AND (simulation)<AND>(meta_published_date <= 02-01-1999)]**
Found **33** of **125,779 searched.**

Search within Results

[   ] GO   > Advanced Search   > Search Help/Tips

Sort by: Title   Publication   Publication Date   Score   ● Binder

---

Results 1 - 20 of 33   short listing

◁ Prev Page   1   2   ▷ Next Page

---

1   The use of the electrical simulator SPICE for behavioral simulation of artificial neural networks   96%
Vincenzo Piuri
Proceedings of the 24th annual symposium on Simulation April 1991

2   Intelligence in scientific computing   82%
Harold Abelson , Michael Eisenberg , Matthew Halfant , Jacob Katzenelson , Elisha Sacks , Gerald J. Sussman , Jack Wisdom , Ken Yip
Communications of the ACM May 1989
Volume 32 Issue 5
    The authors discuss the development of intelligent techniques appropriate for the automatic preparation, execution, and control of
    numerical experiments.

3   NONLISA: Nonlinear network simulation and analysis program   80%
Toru Tsuda , Takuhito Kojima , Shinji Goto , Toshihiko Nakamura
Proceedings of the June 1971 design automation workshop on Design automation June 1971
    Many programs for analyzing electronic circuits including nonlinear elements have been reported. It became difficult to evaluate circuits
    such as ICs by the breadboard method, because this method is not always suitable for simulation of high speed and high density circuits.
    Moreover lengthy experiments are involved. In the case of circuits composed of discrete parts, it was considered that many manual
    experiments could be replaced by computer aided analysis. We developed a general nonlinear ...

4   A multiprocessor implementation of relaxation-based electrical circuit simulation   80%
J. T. Deutsch , A. R. Newton
Papers on Twenty-five years of electronic design automation June 1988

5   IFIP Congress-62, Munich, Germany, August 27-September 1, 1962: Abstracts of papers   80%
Communications of the ACM June 1962
Volume 5 Issue 6

6   A case study in programming for parallel-processors   80%
Jack L. Rosenfeld
Communications of the ACM December 1969
Volume 12 Issue 12
    An affirmative partial answer is provided to the question of whether it is possible to program parallel-processor computing systems to
    efficiently decrease execution time for useful problems. Parallel-processor systems are multiprocessor systems in which several of the
    processors can simultaneously execute separate tasks of a single job, thus cooperating to decrease the solution time of a computational
    problem. The processors have independent instruction counters, meaning that each processo ...

7   CINNAMON: coupled integration and nodal analysis of MOS networks   80%

L. M. Vidigal , S. R. Nassif , S. W. Director
Proceedings of the 23rd ACM/IEEE conference on Design automation July 1986
    The use of simulation tools to verify the behavior of integrated circuits is a well established technique for circuit design. This paper describes a novel approach for circuit simulation that promises a significant improvement over conventional methods. The algorithm involves an explicit event driven technique that seems stable even when the accuracy of the solution is relaxed, and is able to perform automatic and dynamic partitioning of the network, thus allowing the full exploitation of I ...

8   Proud: a fast sea-of-gates placement algorithm   80%
Ren-Song Tsay , Ernest S. Kuh , Chi-Ping Hsu
Proceedings of the 25th ACM/IEEE conference on Design automation June 1988
    We present a fast and effective placement algorithm which takes advantage of inherent scarcity in the connectivity specification. It solves repeatedly sparse linear equations by the SOR (Successive Over-Relaxation) method in a top-down hierarchy. The algorithm has been implemented; for a triple-metal-layer 100K sea-of-gates design with 26,000 instances, it takes 50 minutes on a VAX 8650 and yields excellent results.

9   Design and analysis of power distribution networks in PowerPC microprocessors   80%
Abhijit Dharchoudhury , Rajendran Panda , David Blaauw , Ravi Vaidyanathan , Bogdan Tutuianu , David Bearden
Proceedings of the 35th annual conference on Design automation conference May 1998
    We present a methodology for the design and analysis of power grids in the PowerPC™ microprocessors. The methodology covers the need for power grid analysis across all stages of the design process. A case study showing the application of this methodology to the PowerPC™ 750 microprocessor is presented.

10   Reduced-order modeling of large passive linear circuits by means of the SYPVL algorithm   80%
R. W. Freund , P. Feldmann
Proceedings of the 1996 IEEE/ACM international conference on Computer-aided design January 1997
    Lucent TechnologiesThis paper discusses the analysis of large linear electrical networks consisting of passive components, such as resistors, capacitors, inductors, and transformers. Such networks admit a symmetric formulation of their circuit equations. We introduce SyPVL, an efficient and numerically stable algorithm for the computation of reduced-order models of large, linear, passive networks. SyPVL represents the specialization of the more general PVL algorithm, to symmetric problems. Besid ...

11   Extraction of circuit models for substrate cross-talk   80%
T. Smedes , N. P. van der Meijs , A. J. van Genderen
Proceedings of the 1995 IEEE/ACM international conference on Computer-aided design December 1995
    An increasingly urgent topic for the realization of densely packed (mixed signal) integrated circuits is prevention of cross-talk via the substrate. This paper proposes a Boundary Element Method (BEM) for calculating an admittance matrix for the substrate in order to analyze the parasitic coupling during layout verification.In contrast with standard BE methods, we propose a Green's function which is specific to the domain and the problem. This allows minimal discretization and a direct extractio ...

12   Automatic generation of optimization code based on symbolic non-linear domain formulation   80%
Rainer Bacher
Proceedings of the 1996 international symposium on Symbolic and algebraic computation October 1996

13   Elaboration of the SEPT expert system as the coupling of a simulator and a diagnostician   77%
Patrick Brézillon , D. Y. Bau , A. Hertz , A. P. Fauquembergue Maizener
Proceedings of the third international conference on Industrial and engineering applications of artificial intelligence and expert systems - Volume 1 June 1990
    We present the SEPT expert system which has been elaborated to resolve one of EDF's most crucial problems, namely the rapid processing of complex analysis for the repair and maintenance of EHV (Extra High Voltage) substations. In the first step, we implemented a prototype, which we called diagnostician, to validate the expert system approach. In the second step, a functional model of the system, known as the simulator, was developed to reinforce the diagnostician. The original nature of our ...

14   A network-variational basis for generalized computer representation of multifreedom, constrained, mechanical systems   77%
Milton A. Chace
Proceedings of the 6th annual conference on Design Automation January 1969
    A vital component of computer-aided engineering design is the base program which computes the behavior of an arbitrary design, given a minimal input of both the structural identity and the design parameters. This paper considers the computer-aided design of multifreedom, constrained mechanical systems (realistic machinery). Characteristics of such systems and their computational representation and graphic display output are discussed in terms of an example machine system. An outline of math ...

15   Management information systems: Industrial production and digital computers   77%
A. Holzman , O. I. Franksen , M. D. Romer
Proceedings of the 1965 20th national conference August 1965
    SOME OF THE MAIN problems in automating total data processing systems in industry, arise from the more complex problem areas. These areas include many of the so-called engineering design problems and also a majority of the higher level management decision processes in an industrial enterprise. These problem areas are normally dealt with by highly qualified personnel and are quite often presumed not to be automatable. The fact is that many theoretical schools are working on the development o ...

16 Computer-aided design of electrical circuits Simulation techniques (A Tutorial)   77%
Proceedings of the ACM '81 conference January 1981
> One of the very first applications of digital computers was that of simulation. Perhaps more computer time has been used over the years in this area than any other. Many programs are responsible for the largest computers in existence grinding away, day in and day out, in this general area. This paper will cover simulation as it applies to the design and development of Very Large Scale Integrated (VLSI) circuits. These techniques cover broadly the areas of process and circuit simu ...

17 An APL simulation of feedback systems   77%
Wilbur R. LePage , Richard McFee
ACM SIGAPL APL Quote Quad , Proceedings of the international conference on APL July 1982
Volume 13 Issue 1
> Practical feedback systems involve interacting linear and nonlinear components. Modern techniques of design are based on representing a feedback system by a set of first order nonlinear differential equations and using a digital computer to obtain experimental solutions. In this paper, APL notation is used in a concise development of the mathematical basis of a computing algorithm, and in the realization of an actual system which is effective from the standpoints of ease of use, complexity ...

18 An interactive test data system for LSI production testing   77%
H. D. Schnurmann , R. M. Peters
Proceedings of the seventeenth design automation conference on Design automation June 1980
> This paper describes a software system, ITDS, which supplies a chip or module tester with test data. There are two major components to the system: an interactive data entry system, ITLG; and a generator of environmental test data, SPEC/GEN. By "conversing" with its user, ITLG creates a technology library from a document of circuit specifications. The user does not need to be familiar with the tester. ITLG will guide the user by showing him how to enter the necessary data, by aud ...

19 Integrated manufacturing and development (IMaD)   77%
David Moran , Daria Dooling , Tom Wilkins , Ralph Williams
Proceedings of the 1999 ACM/IEEE conference on Supercomputing (CDROM) January 1999

20 An empirical analysis of the performance of a multiprocessor-based circuit simulator   77%
George K. Jacob , A. Richard Newton , Donald O. Pederson
Proceedings of the 23rd ACM/IEEE conference on Design automation July 1986
> Our original MSPLICE multiprocessor-based circuit simulator showed excellent efficiency with up to 10 processors. As shown in this paper, however, the efficiency of the program drops significantly when over 40 processors are used. A new generation of the MSPLICE program is described which shows high efficiency with up to 99 processors for three different benchmark circuits. Data is compared against predictions made from simulations of an ideal Gauss-Seidel machine model with unit delay, and ...

Results 1 - 20 of 33   short listing

P⊘RTAL
THE ACM DIGITAL LIBRARY

Try the *new* Portal design
Give us your opinion after using it.

Search Results

Search Results for: **[(electric network AND current AND voltage) AND (simulation)<AND>(meta_published_date <= 02-01-1999)]**
Found **33** of **125,779 searched.**

Search within Results

GO   > Advanced Search   > Search Help/Tips

Sort by: Title   Publication   Publication Date   Score   Binder

---

Results 21 - 33 of 33   short listing

◁ **Prev Page** **1 2** **Next Page** ▷

---

21 Performance evaluation of FMOSSIM, a concurrent switch-level fault simulator   77%
Randal E. Bryant , Michael Dd. Schuster
Proceedings of the 22nd ACM/IEEE conference on Design automation June 1985
   This paper presents measurements obtained while performing fault simulations of MOS circuits modeled at the switch level. In this model
   the transistor structure of the circuit is represented explicitly as a network of charge storage nodes connected by bidirectional transistor
   switches. Since the logic model of the simulator closely matches the actual structure of MOS circuits, such faults as stuck-open and closed
   transistors as well as short and open-circuited wires can be simulated. By usi ...

22 A multidimensional study on the feasibility of parallel switch-level circuit simulation   77%
Yu-an Chen , Vikas Jha , Rajive Bagrodia
ACM SIGSIM Simulation Digest , Proceedings of the eleventh workshop on Parallel and distributed simulation June 1997
Volume 27 Issue 1
   This paper presents the results of an experimental study to evaluate the effectiveness of multiple synchronization protocols and
   partitioning algorithms in reducing the execution time of switch-level models of VLSI circuits. Specific contributions of this paper include:
   (i) parallelizing an existing switch-level simulator such that the model can be executed using conservative and optimistic simulation
   protocols with minor changes, (ii) evaluating effectiveness of several partitioning algorithms ...

23 Calculation of ramp response of lossy transmission lines using two-port network functions   77%
Payam Heydari , Massoud Pedram
Proceedings of the 1998 international symposium on Physical design April 1998
   In this paper, we present a new analytical approach for computing the ramp response of an RLC interconnect line with a pure capacitive
   load. The approach is based on the two-port representation of the transmission line and accounts for the output resistance of the driver
   and the line inductance. The results of our analysis are compared with the results of HSPICE simulations demonstrating the high accuracy
   of our solution under various values of driver, interconnect, and load impedan ...

24 Introduction & overview of "artificial life"—evolving intelligent agents for modeling & simulation   77%
A. Martin Wildberger
Proceedings of the 28th conference on Winter simulation November 1996

25 VHDL 1076.1—analog and mixed signal extensions to VHDL   77%
E. Christen , K. Bakalar
Proceedings of the conference on European design automation September 1996

26 Gate-level simulation of digital circuits using multi-valued Boolean algebras   77%
Scott Woods , Giorgio Casinovi
Proceedings of the 1995 IEEE/ACM international conference on Computer-aided design December 1995
   This paper describes an algorithm for the simulation of gate-level logic. Multiple logic levels are used to describe the state of each node.
   Each state corresponds to a different voltage level, and the number of levels to be used for a simulation is user-defined. This feature

simplifies considerably the interface between a digital and an analog simulator. A DC solver is incorporated to find the initial operating point of a circuit before a transient analysis begins. This solver has the capabilit ...

27 Developing special purpose simulators under Microsoft Windows   77%
Kieran L. Coughlan , Paul J. Nolan
Proceedings of the 27th conference on Winter simulation December 1995

28 Solving the load flow problem using Gro¨bner basis   77%
Antonio Montes , Jordi Castro
ACM SIGSAM Bulletin January 1995
Volume 29 Issue 1
    In Electrical Engineering one of the most important problems to be solved for electrical networks is the load flow problem [6] [3]. Currently numerical solutions are provided by Newton's method, which involves recomputing the solution whenever the input data change. Given that this problem must be solved very often with different input data, the Gröbner basis can be an interesting approach since it can, in principle, provide a more algebraic solution of the input parameters and·has to b ...

29 Mixed electrical-thermal and electrical-mechanical simulation of electromechatronic systems using PSpice   77%
Konstantin O. Petrosjanc , Peter P. Maltcev
Proceedings of the conference on European design automation September 1994

30 An analysis of diffusive load-balancing   77%
Raghu Subramanian , Isaac D. Scherson
Proceedings of the sixth annual ACM symposium on Parallel algorithms and architectures August 1994
    Diffusion is a well-known algorithm for load-balancing in which tasks move from heavily-loaded processors to lightly-loaded neighbors. This paper presents a rigorous analysis of the performance of the diffusion algorithm on arbitrary networks. It is shown that the running time of the diffusion algorithm is bounded by: &OHgr;(log &sgr;/&Ggr;) $\leq$ Time $\leq$ O(N&sgr;/&Ggr;) and &OHgr;(log &sgr;/&Fgr;) $\leq$ Time $\leq$ O(&sgr;/&Fgr;2), where N is the number of no ...

31 Capturing time-of-flight delay for transient analysis based on scattering parameter macromodel   77%
Haifang Liao , Wayne Wei-Ming Dai
Proceedings of the 1994 IEEE/ACM international conference on Computer-aided design November 1994
    The delay associated with transmission line networks consists of the exponentially charging time and a pure propagation delay. This propagation delay, so called time-of-flight delay, is particularly evident in long lines. When the time-of-flight is comparable to the input rise-time, it is difficult to capture the time-of-flight with a finite sum of exponentials. Therefore the time-of-flight must be captured explicitly from the transfer function of the circuit. In this paper, we give a preci ...

32 On the temporal equivalence of sequential circuits   77%
N. V. Shenoy , K. J. Singh , R. K. Brayton , A. L. Sangiovanni-Vincentelli
Proceedings of the 29th ACM/IEEE conference on Design automation conference July 1992

33 Propagation delay calculation for interconnection nets on printed circuit boards by reflected waves   77%
Heinz Mattes , Wolfgang Weisenseel , Gerhard Bischof , Reimund Dachauer
Proceedings of the 28th conference on ACM/IEEE design automation conference June 1991

Results 21 - 33 of 33   short listing

◁
**Prev
Page** 1 2 **Next
Page**

P⊘RTAL
THE ACM DIGITAL LIBRARY

Try the *new* Portal design
Give us your opinion after using it.

Search Results

Search Results for: **[(electric network AND particle) AND (simulation)<AND>(meta_published_date <= 02-01-1999)]**
Found **2** of **125,779 searched.**

Search within Results

GO   > Advanced Search   > Search Help/Tips

Sort by: **Title   Publication   Publication Date   Score**   Binder

Results 1 - 2 of 2   short listing

1   The cosmic cube   80%
Charles L. Seitz
Communications of the ACM January 1985
Volume 28 Issue 1
   Sixty-four small computers are connected by a network of point-to-point communication channels in the plan of a binary 6-cube. This "Cosmic Cube" computer is a hardware simulation of a future VLSI implementation that will consist of single-chip nodes. The machine offers high degrees of concurrency in applications and suggests that future machines with thousands of nodes are both feasible and attractive.

2   Approximate Methods for Analyzing Queueing Network Models of Computing Systems   77%
K. Mani Chandy , Charles H. Sauer
ACM Computing Surveys (CSUR) September 1978
Volume 10 Issue 3

Results 1 - 2 of 2   short listing

CiteSeer Find: electric circuit and simulation | Documents | Citations |

Searching for **electric circuit and simulation.**
Restrict to: Header Title Order by: Citations Hubs Usage Date Try: Amazon B&N Google (RI) Google (Web) CSB
DBLP
23 documents found. **Order: citations weighted by year.**

Topological index calculation of DAEs in circuit simulation - Tischendorf (1997) (Correct) (2 citations)
Humboldt-University of Berlin Abstract. **Electric circuits** are present in a number of applications,
Topological index calculation of DAEs in circuit **simulation** Caren Tischendorf, Humboldt-University of
of integrated circuit requires numerical **simulation**. Modern modeling techniques like the Modified
www.mathematik.hu-berlin.de/publ/pre/1997/P-97-17.ps

One or more of the query terms is very common - only partial results have been returned. Try Google (RI).

The Emergence of Long-Lasting Transients of.. - van Ooyen, van.. (1992) (Correct) (1 citation)
The Neuron The neuron model is based on an **electric circuit** model (Fig. 1) of the cell membrane
will be addressed in this article by means of a **simulation** model. In particular, it is studied whether a
state asymptotically as S i increases. In the **simulations** we took E r =73 mV, E e =0 mV (Na
www.cns.ed.ac.uk/people/arjen/papers/transients.ps.gz

The Computation of Consistent Initial Values for Nonlinear.. - Schwarz, Lamour (1999) (Correct)
as for instance multibody systems, **electric circuit simulation** and chemical kinetics. To start
and the equations arising from the **simulation** of electrical networks by means of Modified
Values, Consistent Initialization, Circuit **Simulation**, Modified Nodal Analysis, MNA, Algorithm. AMS
taylor.mathematik.hu-berlin.de/publ/pre/1999/P-99-13.ps

Multirate Partitioned Runge-Kutta Methods - Günther, Kværnø.. (1998) (Correct)
Finally, an inverter chain taken from **electric circuit simulation**, shows the performance of the
to dierent time constants in the dynamical **simulation** of technical systems. Multirate schemes exploit
their implementation very dicult into existing **simulation** packages. Recently, Kvrn and Rentrop [7]
www.math.ntnu.no/num/synode/papers/ps/mprk.ps

Output visualization modes in a Java generating Continuous .. - Manuel Alfonseca Juan (Correct)
Figure 3: The applet for the **electric circuit**. TITLE 1-bit adder DATA A:0, B:0, C:0
modes in a Java generating Continuous **Simulation** Compiler Manuel Alfonseca, Juan de Lara Dept.
visualization, Java code generation, continuous **simulation**, partial differential equations. ABSTRACT
www.ii.uam.es/~alfonsec/docs/ess99.ps

Krylov Subspace Iteration - van der Vorst (2000) (Correct)
problems also lead to very large systems: **electric circuit simulation**, the computation of magnetic
Vorst Utrecht University 1 Background In the **simulation** of continuous events, such as the flow of a
gridpoints is decreased, and in 3-dimensional **simulation** this easily leads to very large systems of
www.math.uu.nl/people/vorst/Cse2000.ps.gz

Network Approach and Differential-Algebraic Systems in.. - Hoschek, Rentrop, Wagner (Correct)
by the index. Studying typical examples from **electric circuit simulation**, multibody system dynamics,
Studying typical examples from **electric circuit simulation**, multibody system dynamics, charge cycle of
cycle of combustine engines and chemical process **simulation**, we introduce the underlying network approach
www.mathematik.tu-darmstadt.de/~wagner/Pub/modellbildung.ps.gz

Simulation of the Shielding Effectiveness of Cabinets Used in .. - Vladica Trenkic (Correct)
dipoles P e and Pm which depend on the short-**circuit electric** and magnetic fields and the polarizabilities
Simulation of the Shielding Effectiveness of Cabinets Used
description of thin walls and small apertures in **simulations** based on the Transmission-Line Modelling (TLM)
nmle.eee.nott.ac.uk/~vmt/preprints/tel95.ps.gz

Using Problem Topology in Parallelization - Liebrock (1994) (Correct)
flow **simulation**, aerodynamic **simulation**, **electric circuit simulation**, and nuclear reactor **simulation**.

of regular problems such as physical **simulation** applications. In languages such as High
important application areas such as fluid flow **simulation**, aerodynamic **simulation**, **electric circuit**
softlib.rice.edu/pub/CRPC-TRs/reports/CRPC-TR94477-S.ps.gz

Smart Motor Concept Based on.. - Venkataraman.. (1995)　(Correct)
actuators forming a resonance **electric circuit** function together to produce bidirectional
each other. We present the analysis, design and **simulation** results pertinent to such a motor concept. The
positive values. However, experimenting with **simulations** revealed that representing the normal force as
www.icase.edu/~josip/motor.ps.gz

Vague Models and Their Implications for the KBS Design Cycle - Tim Menzies (1996)　(Correct)
causes. attaching a volt meter to an **electric circuit**: ffl In one extreme case, 300,000 sheeps
Research makes extensive use of large complex **simulation** models. These can be the result of many
time: ffl We could naively model looping in **simulations** by repeating each node in a theory for every
ftp.cse.unsw.edu.au/pub/users/andrewt/publications/1996/128.ps.Z

Unknown - Development And　(Correct)
A freely available student version of an **electric circuit simulation** program (PSpice) was integrated
learning support materials, including computer **simulation** programs and computer-aided tutorial modules in
the subject matter through the computation (**simulation**"appropriate to their level of understanding
www.uow.edu.au/pwrsysed/papers/prceee7a.ps

Efficient numerical methods in electronic circuit.. - Denk, Günther, Selting.. (1994)　(Correct)
systems "and 4.1 "Numerical **simulation** of **electric circuits** and semiconductor devices"One author
numerical methods in electronic circuit **simulation** G. Denk, M. Gunther, P. A. Selting, O. v.
numerical methods in electronic circuit **simulation** Bayerischer Forschungsverbund fur
www-m2.mathematik.tu-muenchen.de/~stryk/paper/TUM-M9413.ps.gz

Estimations of Power Consumption in Asynchronous.. - Lloyd, Yakovlev.. (1998)　(Correct)
below: system behavioural architectural logic **electric circuit** topological IMPACT small small large large
most existing techniques for analytic (non-**simulation**) power estimation that use reachability state
layout, routing, verification, synthesis and **simulation** but few are capable of performing accurate
www.it.dtu.dk/~jan/patmos98/papers/lloyd.ps

The DEVS Model Interchange Format OpenDEVS. A Proposal - Thomas (1995)　(Correct)
with DEVS models like they do it now in the **electric circuit** market with SPICE and VHDL models. With
model interchange format for modeling, **simulation**,analysis and design systems that are based on
of commercial DEVS-based modeling and **simulation** systems, and would foster the development of
www.cast.uni-linz.ac.at/devs-archive/library/archive/960612-0-opendevs.ps.gz

Extracting Behavioral Patterns from Relational History Data - Motoda, Washio, Kayama..　(Correct)
NOT and NOR from the **simulation** traces of an **electric circuit**. In this application, the original inputs
to discover the notion of NOT and NOR from the **simulation** traces of an **electric circuit**. In this
www.dfki.de/~bauer/um-ws/Final-Versions/Motoda/motoda.ps.gz

Recent Results In Solving Index 2 Differential-Algebraic.. - März, Tischendorf (1996)　(Correct)
of his 60th anniversary Abstract. In **electric circuit simulation** the charge oriented modified
2 Differential-Algebraic Equations In Circuit **Simulation** Roswitha M Arz And Caren Tischendorf
60th anniversary Abstract. In **electric circuit simulation** the charge oriented modified nodal analysis may
www.mathematik.hu-berlin.de/publ/pre/1996/P-96-4.ps

Parallelized numerical methods for large systems of.. - Borchardt, Grund, Horn (1997)　(Correct)
arising from industrial applications in **electric circuit simulation** or in dynamic process **simulation**
from industrial applications in **electric circuit simulation** or in dynamic process **simulation** of chemical
circuit **simulation** or in dynamic process **simulation** of chemical plants can be structured into
www.wias-berlin.de/WIAS_publ_preprints_nr382.PS

Active Self-calibration of Hand-mounted Laser Range Finders - Wei, Hirzinger　(Correct)
by a position-sensitive detector. A built-in **electric circuit** then calculates the distance to the object
our method and test the accuracy through both **simulation** and measurement in a real robot environment. In
case can be found in [10]3 Experiments 3.1 **Simulations** 1) Setup: We simulated a robot end-effector

www.robotic.dlr.de/STAFF/GRAVES/guo_qing_wei/paperLasRA.ps.gz

Simultaneous Passification and Stabilization of a Class of.. - Ali Jadbabaie   (Correct)
dissipation of energy across resistors in an **electric circuit**, passivity has been widely used in order to
stabilization of a family of systems and present **simulations** to demonstrate the effectiveness of this
controller. In section 4, we present a **simulation** to indicate the effectiveness of this approach.
www.eece.unm.edu/faculty/chaouki/PAPERS/../CONTROL/Papers/NLpaper2.ps

One Dimensional Simulation for Peltier Current Leads - Okumura, Yamaguchi (1996)   (Correct)
such a thermoelement is used as part of an **electric circuit**, it pumps heat from one junction to the
One Dimensional **Simulation** for Peltier Current Leads Haruhiko Okumura
present experimental, analytical, and computer **simulation** results of such Peltier current leads.
okux.matsusaka-u.ac.jp/~okumura/superconductivity/asc96.ps.gz

Try your query at: Amazon   Barnes & Noble   Google (RI)   Google (Web)   CSB   DBLP

CiteSeer Find: | electric network and simulation | | Documents | Citations |

Searching for **electric network and simulation**.
Restrict to: Header Title Order by: Citations Hubs Usage Date Try: Amazon B&N Google (RI) Google (Web) CSB DBLP
3 documents found. **Order: citations weighted by year.**

HOMEBOTS: Intelligent Decentralized Services for Energy.. - Akkermans, Ygge.. (1996) (Correct)
applications that are foreseen is that the **electric network** nodes themselves act as intelligent agents
COMMONKADS knowledge methodology. Illustrated by **simulation** results, we indicate how customer knowledge can
reference situation is provided by energy system **simulations** (for which there exist large
www.soc.hk-r.se/research/1996/hidsem.ps

One or more of the query terms is very common - only partial results have been returned. Try Google (RI).

Efficient numerical methods in electronic circuit.. - Denk, Günther, Selting.. (1994) (Correct)
: 9 2 Basic facts on CAD-based **electric network** modeling :10 3 Numerical integration of
numerical methods in electronic circuit **simulation** G. Denk, M. Gunther, P. A. Selting, O. v.
numerical methods in electronic circuit **simulation** Bayerischer Forschungsverbund fur
www-m2.mathematik.tu-muenchen.de/~stryk/paper/TUM-M9413.ps.gz

GA in program testing - Alander, Mantere, Turunen, Virolainen (Correct)
program The pilot used in this study is an **electric network** protection relay software. The relay itself
communication with the relay program. ESIM **simulation** process and they should communicate with each
peak.cs.hut.fi/peak/publications/2nwga.ps

Try your query at: Amazon Barnes & Noble Google (RI) Google (Web) CSB DBLP

CiteSeer Find: | electric network and particle | | Documents | | Citations |

Searching for **electric network and particle**.
Restrict to: <u>Header</u> <u>Title</u> Order by: <u>Citations</u> <u>Hubs</u> <u>Usage</u> <u>Date</u> Try: <u>Amazon</u> <u>B&N</u> <u>Google (RI)</u> <u>Google (Web)</u> <u>CSB</u>
<u>DBLP</u>
Order: citations weighted by year.

<u>Random Walks on Graphs: A Survey - Lovász (1993)</u> <u>(Correct)</u>
and also by electrical resistance of the **electric network** naturally associated with graphs. There are
Diaconis [20]The Brownian motion of a dust **particle** is random walk in the room. Models in
ftp.cs.yale.edu/WWW/HTML/YALE/CS/HyPlans/lovasz/erdos.ps

Try your query at: <u>Amazon</u> <u>Barnes & Noble</u> <u>Google (RI)</u> <u>Google (Web)</u> <u>CSB</u> <u>DBLP</u>